

U.S. Patent Application Serial No. 09/551,597
Amendment dated October 7, 2003
Reply to Office Action of **June 18, 2003**

REMARKS

Claim 1 - 7 have been amended in order to more particularly point out, and distinctly claim the subject matter to which the applicant regards as his invention. The applicant respectfully submits that no new matter has been added. It is believed that this Amendment is fully responsive to the Office Action dated **June 18, 2003**.

Claim Rejection under 35 USC §102

Claims 1-3 and 6-7 are rejected under 35 USC '102(b) as being anticipated by Ito et al. (U.S. Patent No. 5,724,154).

Ito et al. describes a combination fax machine, copier and printer in which a variable magnification circuit 403 is used to convert the resolution of data to be transmitted to correspond to that of a receiving facsimile machine.

The present invention is a printer in which memory is used to store input data, compressed data, and bit-map data. A controller is used to analyze the input data and create drawing data at a designated resolution. When it is determined that a memory shortage exists then the controller changes the printing resolution to a lower printing resolution and repeats an input data analyzation process starting with the first page. The print job is then printed at the lower print resolution.

Ito et al. does not describe or suggest that the controller changes the printing resolution to a lower printing resolution when a memory shortage is detected. Therefore, claims 1 and 7 patentably distinguish over the prior art relied upon, by reciting, as exemplified by claim 1,

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“A page printer comprising: a printer engine; a memory which includes an input area, for storing input data, a compression area, for storing compressed drawing data, and a bit-map area, for storing expanded data; a compression circuit, for compressing drawing data and for storing the resultant compressed drawing data in said compression area of said memory; a expanding circuit, for expanding said compressed drawing data and for storing the resultant expanded drawing data in said bit-map area and said memory; a video output circuit, for transferring said expanded drawing data to said printer engine; and a controller for analyzing said input data for each job and creating drawing data for a designated resolution, wherein said controller changes said designated printing resolution to a lower one printing resolution, and repeats an input data analyzation process beginning with said input data entered for the first page of said job when said controller detects a memory shortage of said compressed area, and prints said job at the lower printing resolution.” (Emphasis added)

Therefore, withdrawal of the rejection of Claims 1-3 and 6-7 under 35 USC §102(b) as being anticipated by Ito et al. (U.S. Patent No. 5,724,154) is respectfully requested.

Allowable Subject Matter

Claims 4 and 5 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 4 and 5 have been amended to incorporate all the features of claim 1 therein. Therefore, allowance of claims 4 and 5 is respectfully requested.

Conclusion

In view of the aforementioned amendments and accompanying remarks, claims, as amended, are in condition for allowance, which action, at an early date, is requested.

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If, for any reason, it is felt that this application is not now in condition for allowance, the Examiner is requested to contact Applicant's undersigned attorney at the telephone number indicated below to arrange for an interview to expedite the disposition of this case.

In the event that this paper is not timely filed, Applicant respectfully petitions for an appropriate extension of time. Please charge any fees for such an extension of time and any other fees which may be due with respect to this paper, to Deposit Account No. 01-2340.

Respectfully submitted,

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